

# Object Handler Wizard

The Object Handler provides a wizard which determines the processing sequence to

- Unload data from the Natural system environment into Natural work files.
- Load data from work files into the Natural system environment.
- Scan the contents of Natural work files.

## To activate the wizard

- Uncheck the Advanced User field on the Object Handler main screen, if necessary (the default is unchecked).

The wizards provide the keys PF8 and PF7 to navigate between the screens (steps). Use PF12 to cancel the processing sequence.

The steps below describe the processing sequence performed with the unload, load or scan wizard:

- Step 1 - Start the Procedure
  - Step 2 - Unload/Load/Scan Object into/from Work Files
  - Step 3 - Set Parameters
  - Step 4 - Select Objects
  - Step 5 - Execute Processing
  - Step 6 - Continue Processing
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## Step 1 - Start the Procedure

### To start the unload, load or scan procedure

1. From the Object Handler main screen, choose Unload, Load or Scan by entering any single character next to the function desired or using the corresponding PF key.  
The Unload/Load/Scan Wizard main screen appears providing the following options:
  1. Unload/Load/Scan Objects into/from Natural Work File(s)
  2. Start Object Handler Command Procedure
2. Choose any option:
  - If you choose "Unload/Load/Scan Objects into/from Natural Work File(s)", proceed with Step 2 below.
  - If you choose "Start Object Handler Command PROCEDURE", proceed as follows:
    1. On the Unload/Load/Scan Wizard screen, choose Start Object Handler Command PROCEDURE.  
The PROCEDURE screen appears.
    2. In the Name field, enter the name of a workplan of the type PROCEDURE using either option:
      - Type in the name of a workplan of the type PROCEDURE (see also Workplans) that should be used for the transaction.
      - Choose Select Workplan or press PF5 to display a list of available workplans of the type PROCEDURE.  
In the line next to the workplan you want to select, enter the command **S** or **SE**.  
Press ENTER to execute the command and fill the Name field in the PROCEDURE screen.
    3. Select List Workplan or press PF4 if you want to display the workplan specified.

See also List Workplan in the section Administration.

3. Proceed with Step 5 and Step 6 below.

## Step 2 - Unload/Load/Scan Objects into/from Work Files

### To unload, load or scan objects into/from Natural work files

- On the Unload/Load/Scan Wizard screen, choose "Unload/Load/Scan Objects into/from Natural Work File(s)".
- Press ENTER or choose PF8/Next to continue.

The Options screen of the wizard appears providing the following fields, commands and alternative PF keys:

Field	PF Key	Explanation
Transfer Format		<p>Only valid if Use Default Options (this is the default) has been selected.</p> <p>If selected, the data to be processed is written in Transfer format to/from the work file. See also Work File Format in the section Work Files.</p> <p>Unload function: The data to be unloaded are written in Transfer format to the work file. Note that if you want to change the setting of this field for a subsequent unload, you need to return to the Object Handler main screen or enter the command GO UNLOAD END (see Commands for CUIs) and restart the unload function.</p> <p>Load and scan functions: The data to be loaded or scanned are expected to be in Transfer format.</p>
Portable Work File		<p>Only valid:</p> <ul style="list-style-type: none"> <li>● If Use Default Options (this is the default) has been selected.</li> <li>● If Transfer Format has <b>not</b> been selected.</li> </ul> <p>If Portable Work File has been selected, the work file is written or read in portable format. See also Work File Type in the section Define Work File in the Natural Statements documentation.</p>
Work File		<p>Only valid if Use Default Options (this is the default) has been selected.</p> <p>The name of the work file to be used for the function.</p> <p>See the section Work Files.</p>
Use Default Options		Default options are used by default. See SYSOBJH Profile and Set Additional Options in the section Settings, for the options available.
Set Additional Options	PF4	<p>Only valid if Use Default Options has been selected.</p> <p>Invokes the Options screen of the wizard to modify the default settings and enter additional options for the processing sequence. See Set Additional Options in the section Settings.</p>
Use OPTION Workplan		If selected, a workplan of the type OPTION is used (see Workplans).
Name		<p>Only valid if Use OPTION Workplan has been selected.</p> <p>The name of a workplan of the type OPTION to be used.</p>
List OPTION Workplan	PF6	<p>Only valid if Use OPTION Workplan has been selected.</p> <p>Displays the contents of the workplan specified in the field Name.</p>
Select OPTION Workplan	PF5	<p>Only valid if Use OPTION Workplan has been selected.</p> <p>Displays a selection list of available workplans of the type OPTION (see also List Workplan in the section Administration).</p>

- Select any of the options provided and (if necessary) complete the fields to be used for the processing sequence.
- Press ENTER or PF8/Next to continue.  
The Parameters screen of the wizard appears.

## Step 3 - Set Parameters

### To set parameters for the processing procedure

- From the Parameters screen, select any of the following options listed below and (if necessary) complete the fields to be used for the processing sequence:

Field	PF Key	Explanation
Do not Use Parameters		If selected (default), no parameters are used.
Use Global Parameters		If selected, global parameters are used. See Set Global Parameters in the section Settings.
Set Global Parameters	PF4	Only valid if Use Global Parameters has been selected.  If selected, the Parameters screen is invoked. See Set Global Parameters (Settings) and Parameter-Setting (Direct and PROCEDURE Workplan Syntax, Commands) for a description of the keywords and the valid values.
Use PARAMETER Workplan		If selected, a workplan of the type PARAMETER is used (see Workplans).
Name		Only valid if Use PARAMETER Workplan has been selected.  The name of a workplan of the type PARAMETER to be used.
List PARAMETER Workplan	PF6	Only valid if Use PARAMETER Workplan has been selected.  If selected, displays the contents of the workplan specified in Name.
Select PARAMETER Workplan	PF5	Only valid if the field Use PARAMETER Workplan field has been selected.  If selected, a selection list of available workplans of the type PARAMETER is displayed (see List Workplan in the section Administration).

- Press ENTER or PF8/Next to continue.  
The "Select Unload/Load/Scan Type" screen appears.

## Step 4 - Select Objects

### To select the type of object you want to process

- On the Select Unload/Load/Scan Type screen, use any of the three options below. Note that the first options only applies to the load and scan functions. For the keywords and the valid values that apply to each object type, see the relevant explanation in the section Object Specification.
  - Select All Objects to process all objects from the work file.
  - Select a particular type of object:
    - Natural Library Objects
    - Natural System Error Messages
    - Natural Command Processor Sources
    - Natural-related Objects
    - External Files
    - FDTs

Press ENTER or PF8/Next to continue.

Depending on the type of object selected, a screen appears to specify selection criteria for the objects to be processed.

Specify the objects and choose Details (if available) for further object specification, if required. For information on Details, see the relevant explanation in the section Object Specification.

3. Choose "Use SELECTION or LIST workplan" to use a workplan of the type SELECTION or LIST. See also Workplans.
  - Press ENTER or PF8/Next to continue.  
The SELECTION or LIST screen appears.
  - In the Name field, enter the name of a workplan of the type SELECTION or LIST using either option:
    - Type in the name of a workplan.
    - Or, choose Select Workplan or press PF5/SelWP to display a list of available workplans.  
In the line next to the workplan you want to select, enter the command **S** or **SE**. Press ENTER to execute the command and fill the Name field in the SELECTION or LIST screen. See also List Workplan in the section Administration.
  - Choose List Workplan or press PF4/Li-WP if you want to display the contents of the workplan entered in the Name field.
- Press ENTER or PF8/Next to continue.  
The wizard displays the processing command generated from the input data.  
You may save the command displayed as a workplan of the type PROCEDURE (see also Workplans), by entering the command SAVE or by pressing PF5/Save.

## Step 5 - Execute Processing

### To execute the processing procedure

- On the command execution screen, press ENTER or PF8/Next to confirm the settings and to process the objects specified.  
If required, choose PF7/Back and modify the processing settings before you confirm the command execution.  
The Object Handler performs the function and displays a confirmation message.
- Press PF3/Exit or PF12/Canc to terminate data processing and leave the function.  
A report screen is displayed listing the objects processed.
- Press PF3/Exit or PF12/Canc again to leave the report screen.  
A window appears asking whether or not you want to continue processing data.
- Choose No and press ENTER.  
Or press PF12 to terminate the function.  
The Object Handler main screen appears.

## Step 6 - Continue Processing

### To continue processing

- On the report screen, press PF3/Exit or choose PF8/Next.  
A window appears asking whether or not you want to proceed with the next processing step.
- Choose Yes.  
A screen appears providing the option to reuse or change previous settings.